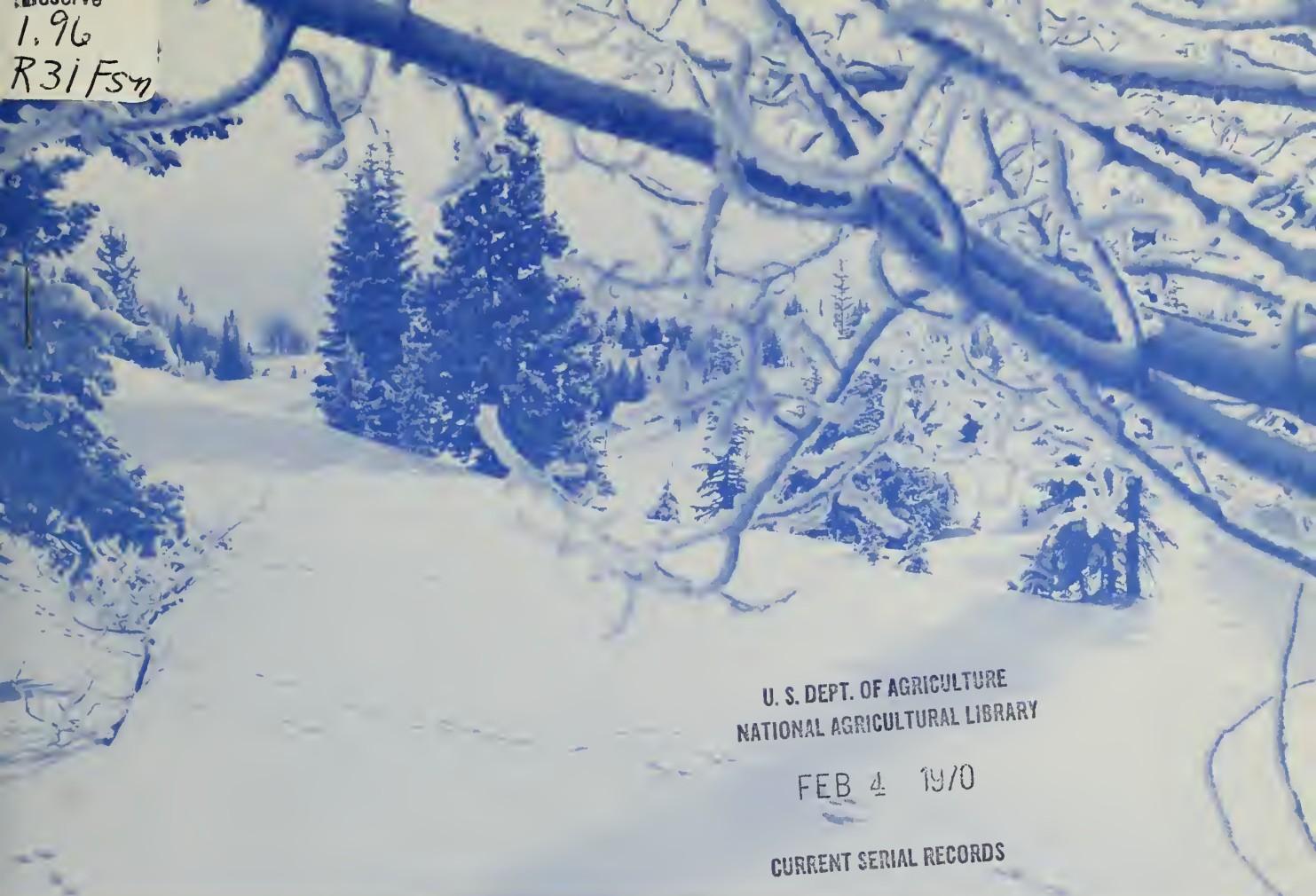


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FEB 4 1970

CURRENT SERIAL RECORDS

# **WATER SUPPLY OUTLOOK FOR NEVADA**

and  
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE,  
and

NEVADA DEPARTMENT of CONSERVATION and NATURAL RESOURCES  
DIVISION of WATER RESOURCES

Data included in this report were obtained by the agencies named above  
in cooperation with Federal, State and private organizations listed on  
the last page of this report.

AS OF  
**JAN. 1, 1970**

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation or snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made at later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80202
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Building, Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 340, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES.

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia.



# **WATER SUPPLY OUTLOOK FOR NEVADA**

and  
**FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS**

*Issued by*

**KENNETH E. GRANT**

ADMINISTRATOR  
SOIL CONSERVATION SERVICE  
WASHINGTON, D.C.

*Released by*

**CHARLES W. CLEARY, JR.**

STATE CONSERVATIONIST  
SOIL CONSERVATION SERVICE  
RENO, NEVADA

*In Cooperation with*

**ELMO J. DE RICCO**

DIRECTOR  
DEPARTMENT OF CONSERVATION AND  
NATURAL RESOURCES  
CARSON CITY, NEVADA

*Report prepared by*

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# INDEX TO NEVADA SNOW COURSES

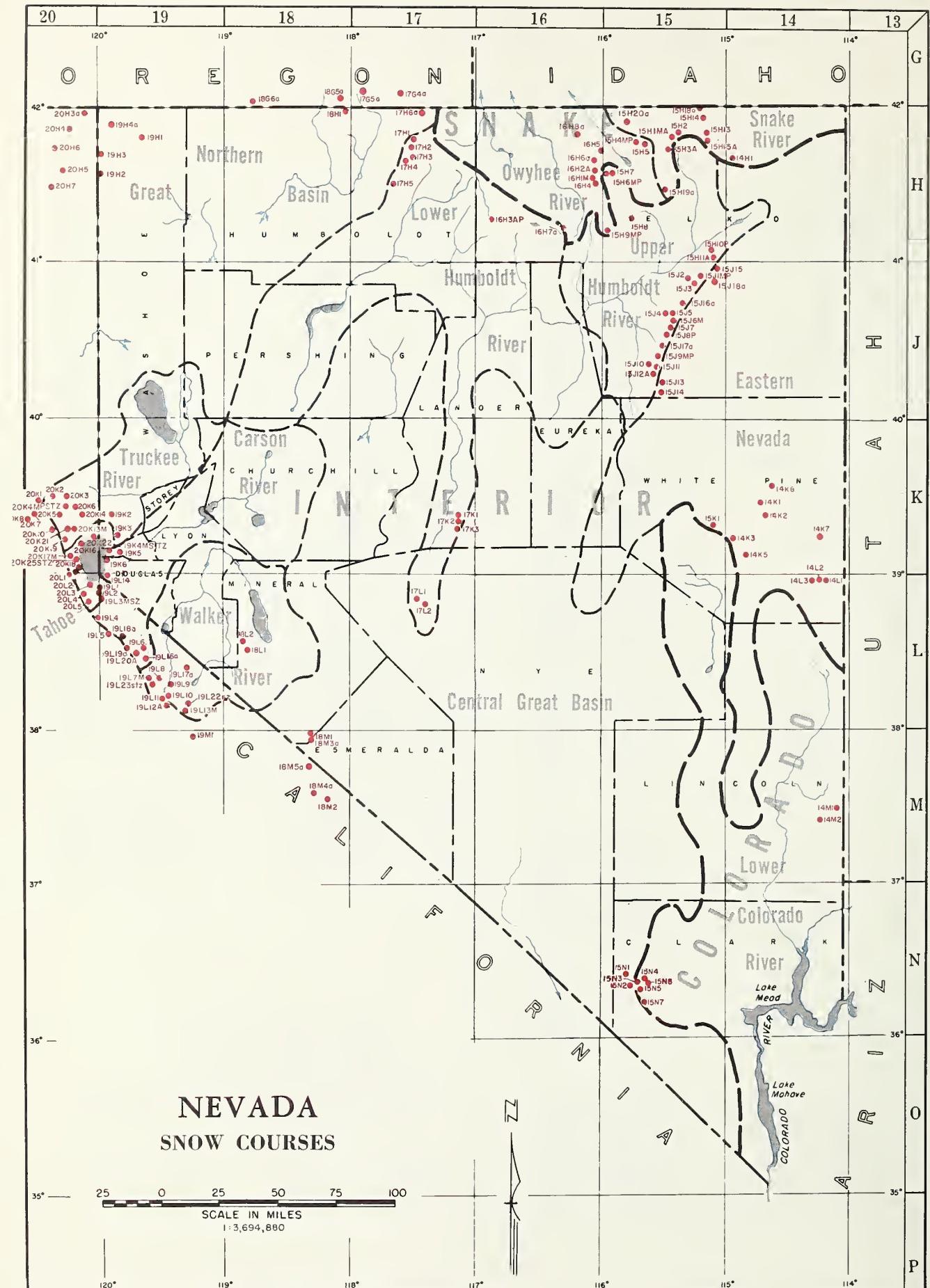
( By Basins )

Refer to the map on the following page for Snow Course locations.

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.	NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
<b>SNAKE RIVER BASIN</b>											
1SH1MA	BEAR CREEK	31	46N	58E	7800	19L14	OAGGETTS PASS	19	13N	19E	7350
1SH12	FOX CREEK	33	46N	58E	6800	20L5	ECHO SUMMIT (CAL.)	6	11N	18E	7450
1SH13A	GOAT CREEK	31	46N	60E	8800	19L2	FREEL BENCH (CAL.)	36	12N	18E	7300
1SH15A	HUMMINGBIRD SPRINGS	6	45N	60E	8945	19K6	GLENBROOK #2	13	14N	18E	6900
14H1	JAKES CREEK	6	42N	62E	7000	19L3M5Z	HAGANS MEADOW (CAL.)	36	12N	18E	8000
1SH20a	MERRITT MOUNTAIN	10	46N	54E	7000	19K4M5TZ	MARLETTE LAKE	18	15N	19E	8200
1SH14a	POLE CREEK RANGER STATION	13	46N	59E	8330	20L4	LAKE LUCILLE (CAL.)	28	12N	17E	8200
1SH18a	RED POINT	15	47N	61E	7940	20L3	RICHARDSONS #2 (CAL.)	6	12N	18E	6500
1SH13a	76 CREEK	6	44N	58E	7100	20L1	RUBICON #1 (CAL.)	6	13N	17E	8100
1SH19a	STAG MTN.	29	41N	58E	7800	20L2	RUBICON #2 (CAL.)	6	13N	17E	7500
<b>OWYHEE RIVER</b>											
1SH4AMP	BIG BEND	30	45N	56E	6700	20K16	TAHOE CITY (CAL.)	6	15N	17E	6250
16H6a	COLUMBIA BASIN	31	44N	53E	6650	19L1	UPPER TRUCKEE (CAL.)	21	12N	18E	6400
16H6a	FAIR CREEK	32	45N	52E	7000	20K17M	WARD CREEK (CAL.)	21	15N	16E	7000
16H6	GOLO CREEK	32	45N	56E	6600	20K255TZ	WARD CREEK #2 (CAL.)	21	15N	16E	6750
16H1M	JACK CREEK, LOWER	18	42N	53E	6800						
16H2A	JACK CREEK, UPPER	9	42N	53E	7250						
16H4	JACKS PEAK	28	42N	59E	8420						
16H5	LAUREL DRAW	20	45N	53E	6700						
17G4a	LOUSE CANYON (OREG.)	27	40S	44E	6440						
1SH9MP	TAYLOR CANYON	35	39N	53E	6200						
<b>INTERIOR</b>											
<b>UPPER HUMBOLDT RIVER</b>											
15J17a	AMERICAN BEAUTY	32	31N	58E	7800	20K14	BOCA #2 (CAL.)	28	18N	17E	5900
15J12a	CORRAL CANYON	27	28N	57E	8500	20K22	BROCKWAY SUMMIT (CAL.)	3	17N	16E	7100
15J1MP	DORSEY BASIN	28	35N	60E	8100	20K21	DONNER PARK #2 (CAL.)	18	17N	16E	6000
15J3	ORY CREEK	5	34N	60E	6500	20K10*	DONNER SUMMIT (CAL.)	25	17N	14E	6900
15H7	FRY CANYON	31	43N	54E	6700	20K7*	FORDYCE LAKE (CAL.)	34	18N	13E	6500
15J9MP	GREEN MOUNTAIN	23	29N	57E	8000	20K8	FURNACE FLAT (CAL.)	10	17N	13E	6700
15J10	HARRISON PASS #1	9	28N	57E	6600	20K4MP	INDEPENDENCE CAMP (CAL.)	34	19N	15E	7000
15J11	HARRISON PASS #2	16	28N	57E	7400	20K5	INDEPENDENCE LAKE (CAL.)	9	18N	15E	8450
15J4	LAMOILLE #1	15	32N	58E	7100	19K3	LITTLE VALLEY	17	16N	19E	6300
15J5	LAMOILLE #2	14	32N	58E	7200	19K2	MT. ROSE	7	17N	19E	9000
15J6M	LAMOILLE #3	24	32N	58E	7700	20K6	SAGE HEN CREEK (CAL.)	7	18N	16E	6500
15J7	LAMOILLE #4	19	32N	59E	8000	20K13M	SQUAW VALLEY #2 (CAL.)	22	17N	16E	6400
15J8P	LAMOILLE #5	31	32N	59E	8700	20K2	TRUCKEE #2 (CAL.)	29	19N	14E	7000
15J18a	POLE CANYON	31	35N	61E	9140	20K1*	WEBBER PEAK (CAL.)	30	19N	14E	8000
15J16a	ROBINSON LAKE	23	33N	59E	9200						
15H6MP	ROOED FLAT	36	43N	53E	6800						
15J2	RYAN RANCH	1	34N	59E	5800						
15H8	TREMELIAN RANCH	9	39N	55E	5700						
15H10P	TROUT CREEK, LOWER	28	37N	61E	6900						
15H11A	TROUT CREEK, UPPER	4	36N	61E	8500						
<b>LOWER HUMBOLDT RIVER</b>											
17K1	BIG CREEK CAMP GROUND	10	17N	43E	6600	19L5	BLUE LAKES (CAL.)	30	9N	19E	8000
17K2	BIG CREEK MINE	23	17N	43E	7600	19L4	CARSON PASS, UPPER (CAL.)	22	10N	18E	8600
17K3	BIG CREEK, UPPER	26	17N	43E	7800	19K5	CLEAR CREEK	6	14N	19E	7300
17H2	BUCKSKIN, LOWER	25	45N	39E	6700	19L19a	EBBETTS PASS (CAL.)	17	8N	20E	8700
17H1	BUCKSKIN, UPPER	11	45N	39E	8200	19L16a	FISH VALLEY, UPPER (CAL.)	18	7N	22E	8050
17L1	CORRAL, LOWER	12	11N	40E	7500	19L18a	WET MEADOWS LAKE (CAL.)	26	9N	19E	8100
17L2	CORRAL, UPPER	20	11N	41E	8000	19L20a	WOLF CREEK (CAL.)	35	8N	20E	9000
17J2	GOLCONDA #2	22	35N	39E	6000						
17H4	GRANITE PEAK	22	44N	39E	7800						
17H5	LAMANCE CREEK	13	42N	38E	6000						
17H3	MARTIN CREEK	18	44N	40E	6700						
16H3AP	MIDAS	18	39N	46E	7200						
14H7	TOE JAM a	29	40N	50E	7700						
<b>EASTERN NEVADA</b>											
14L1	BAKER M1	29	13N	60E	7950	19L11	BUCKEYE FORKS (CAL.)	20	4N	23E	8500
14L2	BAKER A2	30	13N	60E	8950	19L10	BUCKEYE ROUGHS (CAL.)	15	4N	23E	7900
14L3	BAKER A3	25	13N	60E	9250	19L1-2A	CENTER MOUNTAIN (CAL.)	4	3N	23E	9400
14K2	BERRY CREEK	26	17N	65E	9100	18L1	LAPON MEADOW	36	8N	28E	9000
14K1	BIRD CREEK	34	19N	65E	7500	19L8	LEAVITT MEADOWS (CAL.)	4	5N	22E	7200
15J13	CAVE CREEK	25	27N	57E	7500	19L17a	LOBELLI LAKE (CAL.)	20	7N	24E	9200
15J14	HAGER CANYON	34	27N	57E	8000	18L2	MT. GRANT	23	8N	28E	9000
15J15	HOLE-IN-MTN	6	35N	61E	7900	19L7M	SONORA PASS (CAL.)	1	5N	21E	8800
14K8	KALAMAZOO CREEK	34	20N	65E	7400	19L235TZ	SONORA PASS BRIDGE	6	5N	22E	8800
14K3	MURRAY SUMMIT	25	16N	62E	7250	19M1*	TIOGA PASS (CAL.)	30	1N	25E	9900
15K1	ROBISON SUMMIT	34	18N	61E	7600	19L13M	VIRGINIA LAKES (CAL.)	5	2N	25E	9500
14K7	SILVER CREEK #2	30	16N	69E	8000	19L9	WILLOW FLAT (CAL.)	21	5N	23E	8250
14K5	WARD MOUNTAIN #2	25	15N	62E	8900	19L22	Z. VIRGINIA LAKES RIDGE	32	3N	25E	9200
<b>CENTRAL GREAT BASIN</b>											
18M2	CAMPITO MTN (CAL.)	19	55	35E	10200	15N5	KYLE CANYON	27	19S	56E	8200
18M5a	CHIATOVICH FLAT	32	25	34E	10500	15N4	LEE CANYON #1	10	19S	56E	8400
15N2	CLARK CANYON	8	19S	56E	9000	15N3	LEE CANYON #2	9	19S	56E	9200
18M1	MONTGOMERY PASS	4	1N	33E	7100	15N8	LEE CANYON #3	10	19S	56E	8500
18M3a	PINCHOT CREEK	28	1N	33E	9300	14M1	MATHEW CANYON	10	6S	70E	6000
18M4a	PIUTE PASS (CAL.)	33	45	33E	11700	14M2	PINE CANYON	23	6S	69E	6200
15N1	TROUGH SPRINGS	23	18S	55E	8500	15N7	RAINBOW CANYON #2	6	20S	57E	8100
						15L1	WHITE RIVER #1	31	13N	59E	7400
<b>NORTHERN GREAT BASIN</b>											
19H1	BALO MOUNTAIN	17	45N	21E	6720	<b>LEGEND</b>					
20H5	BARBER CREEK (CAL.)	23	39N	16E	6500	<b>NUMBERING SYSTEM (EXAMPLE)</b>					
20H6	CEDAR PASS (CAL.)	12	43N	14E	7100	19K4	SNOW COURSE ONLY				
18G6a	ENIO CREEK (OREG.)	14	41S	34E	6000	19K45	SNOW COURSE AND SNOW PILLOW				
18H1	OISASTER PEAK	8	47N	34E	6500	19K4M	SNOW COURSE AND SOIL MOISTURE				
20H3a	OISMAL SWAMP (CAL.)	31	48N	22E	7000	19K4A	SNOW COURSE AND AERIAL MARKER				
20H7	EAGLE PEAK (CAL.)	35	40N	15E	7200	19K4P	SNOW COURSE AND STORAGE PRECIPITATION GAGE				
19H3	49-MTN	7	42N	19E	6000	19K4MA	SNOW COURSE, SOIL MOISTURE AND AERIAL MARKER				
19H2	HAYS CANYON	1	39N	18E	6400	19K4MP	SNOW COURSE, SOIL MOISTURE AND PRECIPITATION GAGE				
19H4a	LITTLE BALLY MTN	8	45N	19E	6000	19K45TZ	SNOW COURSE, SNOW PILLOW AND TEMPERATURE RADIO TELEMETERED.				
17G5a	OREGON CANYON (OREG.)	9	40S	40E	7240						
17H6a	QUINN RIDGE	9	47N	41E	6300						
20H4	RESERVATION CREEK (CAL.)	12	46N	15E	5900						
18G5a	TROUT CREEK (OREG.)	10	41S	38E	7800						

\*LOCATED ON ADJACENT WATERSHED

LOWER CASE LETTERS m, a, p, s, l, z, INDICATE NO SNOW COURSE, ONLY A SOIL MOISTURE STATION, AERIAL MARKER, STORAGE PRECIPITATION GAGE, SNOW PILLOW, TEMPERATURE, OR RADIO TELEMETERED.



NEVADA'S 1970 WATER SUPPLY OUTLOOK IS FOR NEAR-AVERAGE SUPPLIES FOR THE IRRIGATION SEASON. JANUARY 1 SNOW SURVEYS INDICATE THAT THE HUMBOLDT AND Owyhee River drainages have a snowpack 20 percent better than average, while the Truckee, Carson, and Walker River drainages are currently about 20 percent below the normal. Water held in storage in reservoirs throughout the state is much above average and will be an excellent supplement to the natural streamflow this year. Mountain soils are drier than average throughout the state at this time.

January 1 snow surveys are limited in number, but they indicate that the Humboldt River drainage has a snowpack 120 percent of normal for this date. The Owyhee River drainage, similarly, has above-normal snow conditions. Surveys in the Tahoe-Truckee River drainage show the snow cover is about 80 percent of the amount expected for this date. The Carson and Walker River drainages also have a snow cover 20 percent below normal at this time.

Only two major storm systems have deposited snow on the mountain watersheds this season. Weather patterns since mid-summer have been much drier than normal. December was the only month in the last six to produce average or above-average amounts of precipitation. High-elevation mountain soils are much drier than normal for this date. Valley and low-elevation soils contain good moisture due to the December rains.

Reservoir storage is well above average throughout the state. Last season's abundant streamflow left reservoirs with more carryover storage for this date than any year since 1966. Currently, major irrigation reservoirs have 160 percent of the normal amount of water held in storage.

Considering this year's snowpack, as it is just beginning to build, along with the much-above-average reservoir storage, water users can expect to have a near-average supply for the 1970 season. In order to maintain this "near-average" water picture next spring, Nevada watersheds will need to receive average amounts of snowfall from now until early April 1970.



**RESERVOIR STORAGE (Thousand Acre Feet) as of January 1, 1970**

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average +
Owyhee	Wild Horse	72	7	0	13
Lower Humboldt	Rye Patch	179	155	20	64
Colorado	Mohave	1,810	1,519	1,515	1,618
Colorado	Mead	27,217	16,760	15,355	16,895
Tahoe	Tahoe	732	553	503	376
Truckee	Boca	41	22	2	10
Truckee	Stampede	220	20	Storage began 8/1/69	
Truckee	Prosser **	30	9	10	10 *
Carson	Lahontan	286	234	134	149
West Walker	Topaz	59	48	18	26
East Walker	Bridgeport	42	43	17	22

\*\* Flood control use allocation of 20,000 acre-feet between November 1 and April 10.

**TOTAL RESERVOIR STORAGE (Thousand Acre Feet)**

MONTH	This Year	Last Year	Average +
October 1	999	649	656
January 1	1,062	694	660
February 1		881	715
March 1		922	768
April 1		796	839
May 1		902	890

+ 1953-1967 period.

The above data developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1,000 Acre-Feet.

TOTAL USABLE CAPACITY 1,411



# SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD						
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)						
				Last Year	Average +					
<u>SNAKE RIVER</u>										
Bear Creek	NS	-	-	8.8a	6.6 *					
Goat Creek	NS	-	-	7.5a	6.8 *					
Hummingbird Springs	NS	-	-	8.8a	7.0 *					
Pole Creek Ranger Station	12/29	40	9.8	7.8	6.5 *					
Red Point	NS	-	-	4.5a	2.8 *					
<u>OWYHEE RIVER</u>										
Big Bend	12/29	20	3.6	5.5	2.6 *					
Gold Creek	12/29	10	1.5	4.0	1.6 *					
Taylor Canyon	12/31	15	2.3	3.4	1.6 *					
<u>HUMBOLDT RIVER</u>										
Fry Canyon	12/30	17	3.1	6.4	2.3 *					
Rodeo Flat	12/30	14	2.5	5.7	2.4 *					
Tremewan Ranch	12/31	6	1.0	2.8	0.4 *					
<u>LAKE TAHOE-TRUCKEE RIVER</u>										
Donner Summit	12/29	25	8.5	21.3	-					
Echo Summit	12/29	46	12.0	18.9	-					
Freel Bench	12/31	13	3.9	8.8	-					
Glenbrook #2	1/1/70	13	2.9	6.6	-					
Hagans Meadow	12/31	26	6.5	10.8	-					
Heavenly Valley	12/29	36	10.1	-	-					
Independence Camp	12/26	13	2.9	12.6	-					
Marlette Lake	12/29	30	8.0	13.5	-					
Mount Rose Ski Area	12/31	53	17.0	-	-					
Richardsons #2	1/1/70	13	2.9	9.6	-					
Tahoe City	Course destroyed			8.7	-					
Upper Truckee	12/31	7	1.8	6.9	-					
Ward Creek #2	12/30	33	12.6	-	-					
Ward Creek #3	12/30	28	10.3	19.8	-					
<u>CARSON-WALKER RIVERS</u>										
Sonora Pass	12/30	24	5.3	11.4	-					
Virginia Lakes	12/29	14	3.6	8.2	-					
NS Not scheduled this year in order to meet budget limitations.										
<u>NOTE:</u>										
All averages based on 1953-67, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted.										
a-Aerial marker; water content estimated. * 1953-67 adjusted average.										
+ 1953-1967 period.										



**PEAK FLOWS** (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +

Peak-flow forecast not issued until March 1, 1970.

**FORECAST DATE of LOW FLOW VALUES**

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
----------------	------------------------------	--	-----------------------------------

Low-flow forecasts not issued until March 1, 1970.

**SOIL MOISTURE MEASUREMENTS**

STATION	Profile (Inches)		Soil Moisture (Inches)		
	Depth	Capacity	Date	This Year	Average +

OWYHEE-HUMBOLDT

Big Bend	48	16.7	12/29/69	11.7	15.4 *
Rodeo Flat	42	11.0	12/30/69	4.3	10.3 *
Taylor Canyon	48	15.1	12/30/69	9.2	13.2 *

TAHOE-TRUCKEE

Independence Camp	34	6.1	12/26/69	2.6	5.3 *
Marlette Lake	50	3.7	12/29/69	2.4	1.9 *
Ward Creek	49	5.8	12/30/69	3.9	4.3 *

+ 1953-1967 period.



## Agencies Cooperating in Collecting Data Contained in this Bulletin

### FEDERAL

Agricultural Research Service  
Army  
Bureau of Reclamation  
Fish and Wildlife Service  
Forest Service  
Geological Survey  
Navy  
Soil Conservation Service  
U.S. District Court - Federal Water Master  
Weather Bureau

### STATE

California Cooperative Snow Surveys  
California Department of Parks and Recreation  
California Department of Water Resources  
Colorado River Commission of Nevada  
Idaho Cooperative Snow Surveys  
Nevada Association of Soil Conservation Districts  
Nevada Cooperative Snow Surveys  
Nevada Department of Conservation & Natural Resources  
    Division of Water Resources  
    Nevada State Forester-Firewarden  
Oregon Cooperative Snow Surveys  
University of Nevada  
Utah Cooperative Snow Surveys  
White Mountain Research Station, Univ. of California

### PRIVATE

Amalgamated Sugar Company  
Kennebott Copper Corporation  
Nevada Irrigation District  
Owyhee Project North Board of Control  
Owyhee Project South Board of Control  
Pacific Gas & Electric Company  
Pershing County Water Conservation District  
Sierra Pacific Power Company  
Squaw Valley Development Company  
Truckee-Carson Irrigation District  
Walker River Irrigation District  
Washoe County Water Conservation District

Other organizations and individuals furnish valuable information for the snow survey reports. Their Cooperation is gratefully acknowledged.

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
P.O. Box 4850  
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OFFICIAL BUSINESS



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U. S. DEPARTMENT OF AGRICULTURE

# FIRST CLASS MAIL

## FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Furnishes the basic data  
necessary for forecasting  
water supply for irrigation,  
domestic and municipal water  
supply, hydro-electric power  
generation, navigation,  
mining and industry

*"The Conservation of Water begins  
with the Snow Survey"*